

In the Specification:

Page 5, line 21 through page 6, line 2 (Paragraph [0015]), please amend the specification as follows:

[0015] Therefore, the present inventors had conceived that the sensitivity of the monitoring apparatus can be improved by strengthening the intensity of light by providing the light beam through waveguide which has a similar facet shape ~~to be fitted with~~ as that of the tube plate. Thus, another object of the claimed subject matter is to provide a real time monitoring apparatus for biochemical reaction which can irradiate light with uniform intensity over the whole area of the reaction tube plate, even over the whole area of the reaction tube plate enlarged than that of prior art, by irradiating light beam through a light irradiation part via a mirror.